

What is Claimed:

1. A device for recording or reproducing data on/from a recording medium, the recording medium inserted in a protection casing, the device comprising:

a receiving unit operative to receive at least the recording medium inserted in the protection casing;

a recording/reading unit to recording or reading data on/from the recording medium;

a servo unit to control the recording/reading unit;

data processor to process data output from the recording/reading unit or to transfer data to be recorded to the recording/reading unit; and

a controller coupled to at least servo unit and data processor to control recording or reading operation of data on/from the recording medium,

wherein the protection casing comprises,

a casing body having a receiving space therein and an access port formed in a first side of the casing body; and

a recording medium holder insertable into an interior of the casing body via an access port, and one of the recording medium holder and the first side of the casing body being structured such that the recording medium holder is prevented from being incorrectly inserted into the casing body, the recording medium

holder including an elastic member for supporting a recording medium therein,

wherein a guide member is formed at an outer portion of the receiving space, and a shoulder is formed at a side of the elastic member for rotatably releasing the recording medium into the receiving space upon contact by the shoulder with the guide member.

2. A device of claim 1, further comprising:

an interface unit connected to a hose to communicate with therebetween.

3. A device of claim 2, wherein the host transfers a recording/reading command and/or data to be recorded through the interface unit.

✓

4. A device for recording or reproducing data on/from a recording medium, the recording medium inserted in a protection casing, the device comprising:

a receiving unit operative to receive at least the recording medium inserted in the protection casing;

a recording/reading unit to recording or reading data on/from the recording medium;

a servo unit to control the recording/reading unit;
data processor to process data output from the recording/reading unit or to transfer data to be recorded to the recording/reading unit; and
a controller coupled to at least servo unit and data processor to control recording or reading operation of data on/from the recording medium,

wherein the protection casing comprises,

a casing body having a receiving space therein and an access port formed in the first side of the casing body; and

a recording medium holder insertable into an interior of the casing body via the access port, and one of the recording medium holder and the first side of the casing body being structured such that the recording medium holder is prevented from being incorrectly inserted into the casing body, the recording medium holder including an elastic member for supporting a recording medium therein and for releasing the recording medium into the receiving space.

5. A device of claim 4, further comprising:

an interface unit connected to a microprocessor to communicate with therebetween.

6. A device of claim 5, wherein the microprocessor transfers a recording/reading command and/or data to be recorded through the interface unit.

7. A device of claim 6, wherein the controller receives the recording/reading command and/or data to be recorded from the microprocessor.

8. A device for recording or reproducing data on/from an optical disk, the optical disk inserted in a protection casing, the device comprising:

a receiving unit operative to receive at least the optical disk inserted in the protection casing;

a pickup unit to recording or reading data on/from the optical disc;

a servo unit to control the pickup unit;

data processor to process data output from the pickup unit or to transfer data to be recorded to the pickup unit; and

a controller coupled to at least servo unit and data processor to control recording or reading operation of data on/from the optical disk,

wherein the protection casing comprises,

a casing body having a receiving space therein and an access port formed at a first side of the casing body; and

a disk holder insertable into the casing body via the access port, one of the disk holder and the first side of the casing body being structured such that the disk holder is prevented from being incorrectly inserted into the casing body; wherein the entire disk holder is contained within the casing body,

wherein the casing body includes a first indentation disposed at a top center of the access port, and the disc holder includes a first projection disposed at a top center thereof for fitting into the first indentation, and

wherein the first indentation includes a groove off-centered in the first indentation, and the disk holder further includes a second projection off-centered from the first projection.

9. A device for recording or reproducing data on/from a recording medium, the recording medium inserted in a protection casing, the device comprising:

a receiving unit operative to receive at least the recording medium inserted in the protection casing;

a recording/reading unit to recording or reading data on/from the recording medium;

a servo unit to control the recording/reading unit;

data processor to process data output from the recording/reading unit or to transfer data to be recorded to the recording/reading unit; and

a controller coupled to at least servo unit and data processor to control recording or reading operation of data on/from the recording medium,

wherein the protection casing comprises,

a casing body having a receiving space therein and an access port formed in a first side of the casing body; and

a recording medium holder insertable into an interior of the casing body via the access port, and wherein the recording medium holder comprises an end portion, the end portion having a surface facing away from the access port, a first end of the surface having a first height, and a second end of the surface having a second height different from the first height, wherein the first and second ends permit the recording medium holder to be inserted into the casing body in only one way.

10. A device of claim 9, further comprising:

an interface unit connected to a microprocessor to communicate with therebetween.

11. A device of claim 10, wherein the microprocessor transfers a recording/reading command and/or data to be recorded through the interface unit.

12. A device of claim 11, wherein the controller receives the recording/reading command and/or data to be recorded from the microprocessor through the interface unit.

13. A device for recording or reproducing data on/from a recording medium, the recording medium inserted in a protection casing, the device comprising:

a receiving unit operative to receive at least the recording medium inserted in the protection casing;

a recording/reading unit to recording or reading data on/from the recording medium;

a servo unit to control the recording/reading unit;

data processor to process data output from the recording/reading unit or to transfer data to be recorded to the recording/reading unit; and

a controller coupled to at least servo unit and data processor to control recording or reading operation of data on/from the recording medium,

wherein the protection casing comprises,

a casing body having a receiving space therein and an access port; and

a recording medium holder insertable the casing body via the access port;

wherein the recording medium holder comprises an end portion, the end portion having a surface facing away from the access port, a first portion of the surface having a first height, and a second portion of the surface having a second height different from the first height, wherein the first and second portions permit the recording medium holder to be inserted into the casing body in only one way.

14. A device of claim 13, further comprising:

an interface unit connected to a microprocessor to communicate with therebetween.

15. A device of claim 14, wherein the microprocessor transfers a recording/reading command and/or data to be recorded through the interface unit.

16. A device of claim 15, wherein the controller receives the recording/reading command and/or data to be recorded from the microprocessor through the interface unit.